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AMENDMENTS TO THE CLAIMS

Amend the claims as follows:

1.-19. (canceled).

20. (currently amended) A coated substrate comprising a superalloy substrate and a chemically vapor ~~deposited as-~~
~~deposited~~ aluminide diffusion coating as-deposited thereon-
~~including~~ disposed on the substrate and comprising co-
deposited aluminum and reactive element selected from the
group consisting of Hf, Zr, and Y providing a distribution
of the reactive element at a coating region of the
aluminide diffusion coating or throughout the aluminide
diffusion coating ~~a distribution of a reactive element~~
~~codeposited with aluminum and comprising Hf, Zr, or both Hf~~
~~and Zr.~~

21. (previously presented) The coated substrate of Claim 20
further comprising Y.

22.-25. (cancelled).

26. (currently amended) A coated substrate comprising a
superalloy substrate and an as-deposited aluminide
diffusion coating ~~as-deposited thereon including on the~~
substrate and comprising co-deposited aluminum and hafnium
providing a distribution of [[Hf]] hafnium ~~codeposited with~~
~~aluminum~~ at a coating region of the aluminide diffusion
coating or throughout the aluminide diffusion coating.

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27. (currently amended) A coated substrate comprising a superalloy substrate and an as-deposited aluminide diffusion coating ~~as-deposited thereon including on the substrate and comprising co-deposited aluminum and zirconium providing a distribution of [[Zr]] zirconium~~ codeposited with aluminum at a coating region of the aluminide diffusion coating or throughout the aluminide diffusion coating.

28. (new) The coated substrate of claim 20 wherein the substrate comprises a nickel base superalloy and wherein the aluminide diffusion coating comprises nickel aluminide including the co-deposited aluminum and reactive element.

29. (new) The coated substrate of claim 26 wherein the substrate comprises a nickel base superalloy and wherein the aluminide diffusion coating comprises nickel aluminide including the co-deposited aluminum and hafnium.

30. (new) The coated substrate of claim 27 wherein the substrate comprises a nickel base superalloy and wherein the aluminide diffusion coating comprises nickel aluminide including the co-deposited aluminum and zirconium.